

## NEW FAULTING CAUSE OF BIG EARTHQUAKE

EARTH'S CRUST DROPS TWELVE  
FEET FOR DISTANCE OF  
THIRTY MILES

That the big earthquake which occurred on the night of October 24 was due to a hitherto unknown fault in the Bonanza range of mountains along the foothills of Mount Tobin, 50 miles south of Winnemucca, is the opinion of J. C. Jones, professor of geology of the state university, says the Winnemucca Star.

Professor Jones and Professor Boardman, of the engineering department of the university, arrived from Reno Saturday morning and left for Pleasant Valley, accompanied by Attorney L. G. Campbell, with Roy K. Brown as driver of their auto. They returned last evening and Professors Jones and Boardman left for Reno.

Speaking of their observations along the fault or break in the earth's crust, which they examined from one end to the other, Mr. Campbell said to a representative of the Star:

"The northern end of the fault is in the foothills of Mount Tobin, about three miles from Mud Springs, and it extends continuously almost due south about 26 miles to a point a few miles below the Cooper & Unlache ranch. At its southern end the fault spreads out like a hand. From a distance the line of the break along the fault resembles a railroad grade. Measurements of the distance of the slip or drop along the fault showed it to be from 12 to 15 feet. The angle of the fault is 54 degrees, the dip being to the west, the earth having moved in that direction. The trend is almost due north and south.

"In a few places along the break we found slickensides, as found on the walls of veins, proving the plane of action. The slickensides showed a slight movement of the sliding mass to the north, but our observations of the break where it intersected fences, roads and irrigation ditches showed the drop to be straight downward.

"In the valley and along the hill-sides near the Cooper & Unlache ranch there were many light fractures, not along the line of the fault. These fractures were caused by the tremendous jar when the slip occurred. This fracturing, occurring on the surface, is seen for miles. Surface water came up through these cracks, and the ground had the appearance of being swept by an enormous cloudburst.

"From our examination we found no evidence of the great fault or slip being the reopening of an old one, the conclusion being that the slip which caused the earthquakes was a new one. However, there were indications of old faulting above the new break, the old fault scars showing quite plainly.

Professor Jones, speaking of the probability of other earthquakes, with this section as the center of disturbance, gave it as his opinion that there is no danger and that it will probably be years before another similar drop will occur on this fault plane like those of the afternoon and night of October 2. He said that for two or three weeks, however, light jars will be likely to occur, the result of the settling of the great mass of segments, which have to adjust themselves after the great movement which occurred. To this settling is due the light shocks which have occurred since the big quake on the 2nd.

It is probable that Professor Jones will come to Winnemucca at an early date and deliver a public lecture on earthquakes, when he will fully and plainly explain what caused the great shake-up of October 24, which he said was great enough in violence to be felt in New York City. He also said that faults of the extent of the new one at Mount Tobin usually are about five miles in depth.

### A PEACEFUL PAYNIGHT

Usually there are wrangles on pay night, due to settlement of financial matters between debtors and creditors and the taking on of a too heavy load of John Barleycorn, but everything was calm and serene last night, although crowds thronged the streets and filled the business houses until a late hour. Money seemed more plentiful than usual and circulated freely. The police did not make a single arrest.

### MORE CINNABAR

E. F. Hall, formerly superintendent of the Kimberly Consolidated Mining company at Hilltop, but now located in Reno, was a visitor in Austin a few days ago. He reports an important cinnabar discovery made by Joe McCoy, of Camp McCoy. The new find is in the Antelope valley.—Rev. ellie.

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## FIGHTERS IN TRIM FOR THURSDAY NIGHT

A large number of Tonopah and Goldfield fight fans are warming up to what promises to be the best boxing carnival ever held at the Airdome, and a record breaking crowd is expected. The card for Thursday, which is made up of three classy six-round bouts and a four-round curtain raiser, should be called an all-star card, as every one of the boxers matched has been the main attraction in many boxing shows.

Paul Pollock, who boxes Herb White in the main event, is a graduate of the four-round game in San Francisco, where he fought many sensational battles before the closing of the game in California. Paul has a record of eight straight two-round knockouts, which is some record. Pollock in his only appearance in this state fought Dana Mathew at Goldfield, where he fought the latter off his feet. Herb White isn't worrying any over Pollock's punch.

Another good bout on the card is the one between Speck Duffy and Bert Wagner. Duffy, the Goldfield whirlwind, is a tough nut and if Wagner has the class which his friends say he has, he will have to show it.

Gus Ranier is working his hardest every day at the Big Casino. Joe Murphy, his opponent is a good boy. The first bout will be put on at 8:20 sharp. There will be no waiting for the following bouts as all the boxers will be ready to box at 8:20 sharp and will be rushed into the ring as soon as a bout is over.

### CATTLE BRING \$81 PER HEAD

Joe Patani of Independence valley near Tucson this week sold 111 head of cattle for \$9000. This is better than \$81 a head. Old residents who can remember when fat steers were selling for less than \$20 each will appreciate the profit there is in the stock business at this latter figure. The Charles Dougherty cattle consisting of 192 head, on the North Fork, brought \$51. But this included the stock cattle and calves. The 1915 assessment roll for Elko county shows 110,000 head of stock cattle. At the price for the Dougherty cattle this represents a value of about \$9,000,000.—Elko Independent.

### CATTLE SHIPPED TO THE CARSON VALLEY

During the past week or so the farmers of Carson valley have shipped in between 2000 and 4000 head of steers which are now on feed and are being fattened for the fall and winter market. A majority of this stock was secured from the ranges of eastern Nevada while a few shipments were secured outside the state. The price paid has not been made public, but it is stated, however, that the price is below that which was paid last fall.—Record-Courier.

### EXHIBIT AT SPARKS

There is a movement on foot to place the exhibits from the state which are now at the exposition at San Francisco permanently at the Sparks depot if the Southern Pacific company accedes to the request of Governor Boyle. The entire Nevada exhibit will be placed at that town, according to the plans now under way.

### REFUSE TO LEVY TAX

The county commissioners of Washoe county have refused to levy the special tax of one mill on every \$100 valuation on cattle, horses and hogs, as requested by the Nevada stock commission. The refusal is made on the grounds that the notification came too late as most of the assessments had been collected. The law requires that the request for a special tax must be made prior to August 1st.

### "RED" FOX FOUND GUILTY

After one of the hardest fought cases that has come up in the district court of Douglas county for some time, the jury in the case of "Red" Fox, accused of participating in the crime of stealing an automobile, brought in a verdict of guilty, and recommended the prisoner to the extreme mercy of the court.—News.

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Exclusive Agents  
FOR  
Genuine Rock  
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### BOARD OF HEALTH OF RENO IS DISCHARGED

Acting with a suddenness that came as a surprise, the city council of Reno at a special meeting virtually dismissed Doctors Samuel, Bergstein and M. A. Robinson from the city board of health, retaining Dr. W. L. Samuels and providing that he perform all the duties of the board and receive the entire salary of \$100 monthly. For the last two months the council and the board of health have not been in thorough accord. The refusal of the council to provide an automobile for Dr. Robinson, whose duties included tests of milk from dairies supplying Reno customers, was the first indication of a break.—Reno Gazette.

### TERRORIZES DOCTORS

Jack Rodgers, a solicitor for several California papers, has been jailed at Reno because his desire for morphine led him to threaten to kill doctors in Reno and Sparks if they did not procure the drug for him. Rodgers demanded it at the point of a gun. He was captured on the Reno streets in a dazed condition due to an injection of atropine by Dr. Gerow of Reno. Dr. Gerow was confronted by Rodgers and forced at the point of a pistol to inject what the crazed man thought was morphine into his arm.

### DISCOVERY DAY

Although the 12th of October is a legal holiday by proviso of state law and known as Discovery Day, there were no flags floating to the breeze this morning. There were several run up later in the day. The banks and public offices and courts were closed, but otherwise business continued as usual. The public schools were in session. There was no session of the stock boards, either in San Francisco or the east.

### SEAL CLERK, CRUSHED BY CAR WHEEL, DIES

Ray Bradley, employed in the capacity of seal clerk in the local railroad yards, early Thursday morning met with a peculiar and excruciatingly painful injury which later resulted in his death. Falling from a car, he did not fall under the train, but was gripped in the front portion of the grain by one of the wheels and dragged for some distance, with the result that the flesh and muscles were crushed almost to a pulp and the leg severed nearly half way through.—Clark County Review.

### A RUN FOR NOTHING

The fire department was called out at 10:20 last night on a telephone alarm. A heap of rubbish near the depot was burning. No damage was done.

### RETURNS AT BANK

Every half inning as the world's series baseball games are played the results are flashed by direct wire to the Bank saloon and bulletins are posted. Inquirers supplied by phone.—Std.

## PERSONAL

IRA MURDOCK came over from Goldfield last evening.

I. H. COOK and wife of Goldfield are guests at the Mizpah.

DAVE S. LLEWELLYN and wife are arrivals from Round Mountain.

WILBER E. BLAIR of Sacramento is here on a business errand.

BERT M. SMITH of the Red River Lumber company, is here from Westwood.

J. W. GUESSFORD, he of the ready fund of anecdote, is up from the coast interviewing the trade.

MISS MARGARET BURNS, an attendant at the Nevada state insane asylum, was an arrival from Reno this morning.

BEN STROTHER, who had been visiting on the coast for the past two weeks, returned to Tonopah this morning.

GEORGE A. KERNICK returned this morning from Goldfield, where he attended a meeting of the Spearhead Mining company.

CHARLES H. BOWEN of Dunham, California & Hayden Co., San Francisco, is in Tonopah today interviewing hardware dealers.

A. F. MCCOOL, machinist at the Tonopah Extension, and Mrs. McCool are returned from a month's visit to the San Diego exposition.

A. A. CODD went through from Goldfield on his way to Reno this morning, after attending a meeting of the Spearhead Mining company.

M. DOWNEY and Mrs. P. V. Rovinsky of Cloverdale and Mrs. F. F. Meyer and little son of Millers motored in a Tonopah this morning to do some shopping.

JOE TOGNONI and son came over from Goldfield last night and will return tomorrow. Mr. Tognoni is developing a mining prospect which he considers very promising.

WALTER TRENT, one of the owners of the Shimmerone mine at Goldfield, came in from the White Mountains last evening, having examined property there. He continued on to Goldfield this afternoon.

GEORGE ANDREWS, who has been employed as an engineer by the Tonopah Mining company for the past eleven years, took his departure today for San Francisco, where he will remain for the next month on a well earned vacation.

### RABBITS A MENACE

A person living in town does not realize how great a pest the ordinary rabbit has become in the section of the country adjacent to Elko, but a short trip into the country will convince the most skeptical that something must be done to rid the community of the rabbits that are making life miserable for those who are trying to farm the hills and valleys nearby.—Elko Free Press.

### PLAY BALL!

The Tonopah club will take full turns by direct wire of the world's championship baseball series, but let's come in after every half inning.—Adv5td.

## HIGH SCHOOL AUDITORIUM

Wednesday Evening, October 13, 1915

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In select impersonations from Shakespeare and other Masters

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## AMUSEMENTS

### BUTLER THEATER

Tonight at the Butler a Frohman-Famous Players feature will be shown entitled "The Commanding Officer," a famous military drama by Theodore Burt Sayre, featuring Alice Dovey. The elaborate film adaptation of this noted military romance, the play that stirred two continents, is one of the most striking screen dramas ever produced. With a military environment and novel scenic surroundings is combined a plot always absorbing and often thrilling in its dramatic intensity and emotional appeal. Alice Dovey, who has recently distinguished herself in the theatrical successes, "Papa's Darling" and "The Girl on the Film," makes of the sweetly pathetic role of the commanding officer's wife, a notable and sympathetic characterization. An adequate supporting cast, including Ethel Phillips, Marshall Neilan, Donald Crisp, Russell Bassett, Olfre Johnson, and Jack Pickford contributes to the powerful delineation of the characters of the play. It is capital entertainment, well acted, well directed, scenically perfect and amazingly faithful to detail. It is a feature, not a play, as seen twice, but that should by all means be seen once. The preliminary reel will be Paramount Travel pictures of South America—always interesting, which will be run ahead of the feature.

Tomorrow, "Satan Sanderson," originally a novel, later a play and now a screen sensation, featuring Orin Johnson, and a Pathe Cartoon comedy. Don't miss seeing Gaby Deslys.

## DAILY STAGE

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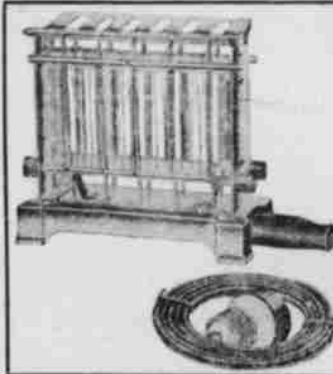
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